M. A. R. 57 (Rule 116)
Measurement Book

). B

179637

erial No. 1st and final Bill

ame of work ..... From ..... To .....

ame of Contractor of nature of Agency Technical Manager (West), KRIDL, Bangalore

ate of commencement of work D.O.Receipt. 20/08/2018

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Works : Drilling of borewells and Providing pump motor at Chelluhalli and Abbigere Villages and surrounding areas in Ward no. 12, Chelluhally Sub-Division						
	Estimated cost Rs. 50.00 Lakhs						
	Work order no = EE/DD/120/202/2017-18 . Dt. 20.01.2018						
	NB. no = 012-18-00024 - P-code. 0190 (Mayor Grant)						
	Date of Commencing = 21-01-2018						
	Date of Completion = 20-08-2018						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
①	Geological Investigation of Site for drilling Borewell for supplying drinking water to the habitations either through the hand pump. mini or piped by retired electrical Deptt by adopting Rotary or Dehlumbergers method, including reconnaissance survey of Geological formations, Geological Investigations of existing ground water in vicinity, its quality, qty and acceptability of the water, including the location, etc, recommended depth of Casing pipe required to seal the top less consolidated formations, including an extra depth of aquifers proposed to be tapped, probable yield and other formation required including transportation						

M. A. R. 57 (Rule 116)
Measurement Book

No. B
179638

Cal No. .....
ne of work ..... From ..... To .....
ne of Contractor of nature of Agency .....
of commencement of work .....

e	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	of instruments and accessories to work site, etc complete as per the directions of Engineer-in-charge of the work.						
	a) Abbigere. Arsikere Taluk 2nd Cross	1 no	-	-	-	1 no	
	b) Abbigere Agrahara, 40, 3rd Cross	1 no	-	-	-	1 no	
	c) Abbigere Agrahara 40. near Nisarga 4 out.	1 no	-	-	-	1 no	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	d) Raghavendra Co. 1 No. CRoy	1 No	–	–	–	1 No	
	e) K.G. Holy. 15 m CRun, opp. Ashok Enterprises detail	1 No	–	–	–	1 No	
	f) Bhagya Nagar Layout Layout. 4th cross, 5th CRoy	1 No	–	–	–	1 No	
						6 Nos	
						@ 1882/Each	11,292.00
2)	Sinking Borewell of 165 mm dia clear using Superjet hydraulic rig of capacity 250 PSI & and above 900 CMF and above in all strata including over burden, upto 20 m, fixing Casing pipe, Collar, Caps with necessary cutting.						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 179639

al No. .....
e of work ..... From ..... To .....
e of Contractor of nature of Agency .....
of commencement of work .....

e	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	threading and welding including transportation of Rig and Supporting vehicle, Crew charges, and casing, Consumables etc, Complete including yield testing at the final depth. during minimum working of compressor for one hour (excluding casing pipes, Collars, Caps etc, Complete and as per the direction of the Engineer-in-charge of the work.						
			Qty as per this MB. p.no 179690				
	(1) 0.00 to 50.00 mts	–	–	–	–	= 300 mts	94554.00
						@ 315.18/m	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(b) 50.00 m to 100.00 mb	mb -	-	-	-	300.00 m/m	
					c	412.65/m	123780.00
	(c) 100.00 m to 150.00 mb	-	-	-	-	300.00 mb	
					c	458.35/m	137505.00
	(d) 150.00 m to 200.00 mb	-	-	-	-	300.00	
					c	484.10/m	145230.00
	(e) 200.00 m to 250.00 mb	-	-	-	-	300.00	
					c	560.32/m	168096.00
	[illegible] 300.00 mb	-	-	-	-	300.00	
					e	600.00/m	180000.00
	[illegible] 330.00 m	-	-	-	-	177.00 mm	
					e	640.60/m	113386.20
	3) supplying of 355 mm to 175 mm nominal bore medium						

M. A. R. 57 (Rule 116)
Measurement Book

No. B
179640

...al No. .....
...e of work ..... From ..... To .....
...e of Contractor of nature of Agency .....
...e of commencement of work .....

Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
	Number	Length	Breadth / Depth		
2	3	4	5 / 6	7	8
blade ERW Casing pipe of 5 mm thick blade electric resistance welded with steel tube materials, confirming IS 1387/1993 and manufactured from hot rolled steel sheet/plate in Random length of 4 to 7 m's being of tensile strength 25.554/1955 and end (including 4 bevels) etc complete and as per the direction of the Engineer-in-Charge of the work.					
Carried to side this M.B. P.No 179688					548550.00

If no (5) c 414/m c 1325/m

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	Procuring and laying 250mm dia PVC pipe and as per specifications and directions of the Engineer-in-charge of the work.						
			Qty vide this MB p.no. 179690				
			If no. (3) = 108.00 @ 1133/m			122364.00	
5)	Supply of 175mm dia. M.S. casing complete as per the directions of the Engineer-in-charge of the work						
		6 nos	-	-	-	600.00	
6)	Supply of 175mm M.S. collar etc complete and as per the directions of the Engineer-in-charge of the work					@ 100/-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
179641

al No. .....
e of work ..... From ..... To .....
e of Contractor of nature of Agency .....
of commencement of work .....

e	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
			Qty vide this MB p.no 179690				
			If no. (4) = 72 nos @ 150/-			10800.00	
7)	Supply and delivery at site brand new Texmo / Shanti / Kirloskar / Sebar / Atlanta / Colona / Waterman / Radha make suitable HP deep well submersible pumpset Model for vertical installation in 150mm dia borewells comprising of single stage or multistage CI pump close coupled by means of stainless steel coupling to suitable HP						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Suitable speed totally enclosed and filled with pure drinking Water squirrel Cages Submersible Induction motor duplex for operation of 3ph, 50Hz, 380/440 volts AC supply, fitted with required accessories such as duplex, casing, suction strainers, Reed guard, non-return valve etc complete the pump and motor shall form an Integral unit with all the required fittings. etc complete and as per the directions of the Engineer-in-Charge of the work.	6 nos	-	-	-	6 nos @ 69334.66/-	4,16007.96

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಕಳ್ಳ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

M. A. R. 57 (Rule 116)
Measurement Book

No. B 179642

Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
8) Providing, laying and jointing CI pipes conforming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cap, threads with white lead on threads for joints wherever necessary as per direction of Engineer including all leads and lifts etc complete in grade (Excluding caulking fittings) in 50mm dia CI pipe etc complete and as per the directions of the Engineer-in-charge of work.						

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